



AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF THE CLAIMS

1. (Currently Amended) A method for transforming a rice ~~monocotyledonous~~ plant, comprising the steps of:

pre-culturing an intact seed of the rice ~~monocotyledonous~~ plant in a medium containing 2,4-D for 1 to 7 days;

infecting the pre-cultured intact seed with Agrobacterium which contain a desired recombinant DNA of interest;

selecting the seed with containing the DNA of interest; and,

allowing the selected seed to produce a transformed rice ~~monocotyledonous~~ plant.

2. (Previously Presented) A method according to claim 1, wherein the pre-cultured seed is a seed on the fourth or fifth day after sowing.

3. (Previously Presented) A method according to claim 1, wherein the pre-cultured seed is a germinated seed.

4. (Cancelled).

5. (Cancelled).

6. (Cancelled).

7. (Cancelled).

8. (Currently Amended) A method according to claim ~~[[6]]~~ 1, wherein the medium further contains a nutrient.

9. (Previously Presented) A method according to claim 8, wherein the nutrient is sucrose.

10. (Currently Amended) A method according to claim 1, wherein the pre-culturing step is completed before a ~~the~~ callus is formed from the seed.

11. (Previously Presented) A method according to claim 1, wherein the pre-culturing step is conducted for 6 days.

12. (Previously Presented) A method according to claim 1, wherein the pre-culturing step is conducted for 1 week.

13. (Previously Presented) A method according to claim 1, wherein the infecting step is conducted by immersing the pre-cultured seed in a suspension of Agrobacterium containing a desired recombinant DNA of interest, and incubating for three days, followed by elimination of Agrobacterium using a bacteria eliminating agent.

14. (Currently Amended) A method according to claim 1, wherein the selecting step is conducted by placing the seeds on a medium containing ~~auxin and~~ a drug ~~selection marker~~, and incubating for 7 days.

15. (Previously Presented) A method according to claim 14, wherein the medium further contains a bacteria eliminating agent.

16. (Currently Amended) A method according to claim 14 or 15, wherein the selecting step further comprises a second selection by placing the seeds on the medium containing ~~auxin and~~ a drug ~~selection marker~~, and incubating for 7 more days.

17. (Previously Presented) A method according to claim 16, wherein the medium further contains a bacteria eliminating agent.

18. (Currently Amended) A method according to claim 1, wherein the step of allowing the selected seed to produce a transformed rice ~~monocotyledonous~~ plant is conducted by regenerating plants using regeneration medium containing a hormone ~~plant-regulatory substance~~.

19. (Previously Presented) A method according to claim 1, wherein the Agrobacterium is Agrobacterium tumefaciens.